

Title (en)
Washing machine with sealing arrangement

Title (de)
Waschmaschine mit einer Dichtungsanordnung

Title (fr)
Machine à laver avec dispositif d'étanchéité

Publication
EP 1514966 B1 20071003 (DE)

Application
EP 04018997 A 20040811

Priority
DE 10342254 A 20030911

Abstract (en)
[origin: EP1514966A1] The washing machine has a cylindrical washing liquid container enclosing a rotary laundry drum, supported by a shaft pin (7) at the drum base, fitting through an opening (4) in the base (3) of the washing liquid container and supported by at least 2 bearings (8) within a bearing housing. A seal between the shaft pin and the opening has dynamic seal components (12,13,14) associated with the shaft pin, a shaft pin ring (15) or the inner ring of a shaft pin bearing and a static seal component (23) provided by the washing liquid container. The seal is shielded from contact with the washing liquid by an integral part of the washing liquid container base, made of a plastics which is resistant to the washing liquid.

IPC 8 full level
D06F 37/26 (2006.01); **D06F 37/00** (2006.01); **F16J 15/32** (2006.01)

CPC (source: EP US)
D06F 37/00 (2013.01 - EP US); **F16J 15/32** (2013.01 - EP)

Cited by
US2015078694A1; DE102008007861B3; EP2172588A1; ES2298092A1; EP2647752A1; EP1972713A1; EP3530793A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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EP 1514966 A1 20050316; EP 1514966 B1 20071003; AT E374853 T1 20071015; DE 10342254 B3 20041118; DE 502004005116 D1 20071115

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EP 04018997 A 20040811; AT 04018997 T 20040811; DE 10342254 A 20030911; DE 502004005116 T 20040811